

NWS CHANGE FORM PART A			1. DATE SUBMITTED 9 March 2000	
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).				
2. ORIGINATOR OFFICE APO	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Bob Morris Routing Code::GSC/TDL Phone: 301- 713-0056x110	5. ORIGINATOR TRACKING NUMBER P42_APO_100039	
6. SYSTEMS AFFECTED BY CHANGE DATA PRODUCTS (Complete Data Products Supplement) <input checked="" type="checkbox"/> SOS x <input checked="" type="checkbox"/> AWIPS CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____			7. WSH TRACKING NUMBER NWS 561	
8. TITLE OF CHANGE Add 5% PoP capability to AWIPS Verification Matrix Editor				
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE x <input checked="" type="checkbox"/> SOFTWARE DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) All WFOs		
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Current AWIPS Verification Matrix Editor allows entry of PoP values from 0% to 100% at an interval of 10% only. Need to add 5% to the list of allowable values to match the PoP rules for the CCF and ICWF.				
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) See attachment A1A for the solution. See Attachment A1B for installation instructions.				
13. ALTERNATE SOLUTIONS N/A				
14. REQUIRED CHANGE DATE 15 March 2000	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Critical, where the change itself is trivial. It is desired to have the capability in place before the beginning of the Verification Warm Season, which begins on 1 April. This gives the sites 2 weeks to download the changes and test the functionality.			
CCB/PMC/CMB DECISION				
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY	<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED		
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED	SIGNATURE DATE SIGNED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED				
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	SIGNATURE DATE SIGNED		

NWS CHANGE FORM PART A - DATA PRODUCTS SUPPLEMENT												1. ORIGINATOR TRACKING NUMBER P42_APO_100039				
This information is required for Data Products submissions. (Submitters should complete all applicable blocks, if known. WSH will assist.) Attach extra pages if necessary.												2. WSH TRACKING NUMBER				
3. AWIPS ID		4. AFOS PIL			5. WMO HEADER	6. ADD REV DEL	7. SEAS Y/N	8. CHA R PER MSG	9. FREQUENCY	10. NWSTG DISTR	11. AFOS DISTR	NWWS ONLY				
NNN	XXX	CCC	NNN	XXX								12. STATE CIRCUITS	13. PRIME UPLINK	14. B/U UPLINK		
FOR METAR CHANGES ONLY								19. INTERNAL NWS USE ONLY <input type="checkbox"/>		20. PRODUCT SOURCE		21. AWIPS DATA TYPE				
15. COMMS ID		16. N. LATITUDE			17. W. LONGITUDE			18. ELEV (M)	22.		A. CHANGE NOTICE		B. EFFECTIVE DATE		C. ISSUE DATE	
		DEG	MIN	SEC	DEG	MIN	SEC									
									AWIPS							
									AFOS							
									NWWS							

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER P42_APO_100039	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 561	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs) N/A			AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs)			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)			AMOUNT
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs)			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs)			AMOUNT
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits)			AMOUNT
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E)		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.)	
12. IMPLEMENTATION/RETROFIT SCHEDULE		13. FACILITY INFORMATION (Attach facility drawings/plans.)	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.)		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each)		17. COORDINATION OF CHANGE WITH OTHER CHANGES	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.)		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.)	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.)		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.)	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.)			

[illegible]

2. WSH TRACKING NUMBER
NWS 561

3. ITEM NAME,
CIRCUIT TYPE,
SOFTWARE
VERSION, OR SITE
LOCATION

5. SUPERSEDED ITEM OR CONFIGURATION

A. PART NUMBER

B. SERIAL NUMBER(S) OR

6. SUPERSEDING
PART NUMBER OR
NEW CONFIGURATION

7. DOC
TYPE

8. SUPERSEDED
DOCUMENT

A.

B.

9. SUPERSEDING
DOCUMENT

A.

B.

<div>NWS CHANGE FORM</div> <div>PART C</div>		1. ORIGINATOR TRACKING NUMBER P42_APO_100039	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER NWS 561	
3. CCB COST EVALUATION			
NWS COST \$ FAA COST \$ DOD COST \$ OTHER AGENCY COST \$ TOTAL COST \$ (SPECIFY)_____			
4. IMPLEMENTATION DOCUMENTS REQUIRED			
<input type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes Other Document <input type="checkbox"/> (Specify)_____			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED	6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE	8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION
(1) Notify SST/NCF and all WFOs	13 March 00	Thigpen/SST, W/APO3	N/A
(2) Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (NWSxxx) in block 17a of the EMRS report.	9 June 00	Finke, W/CR41x4 Machado, W/ER41x4 Garcia, W/SR41x4 Fahy, W/WR411 tbd, W/PR tbd, W/AR	
(3) Ensure the appropriate WSH management information systems and configuration management databases are updated to reflect these changes	23 June 00	Michelle deTommaso W/OSO113	

NWS Change Form (Attachment A1A)

Item 12. Known or Proposed Solution

Changed Files:

Replace one configuration file and one Help file with a new version:

/awips/adapt/adapt_apps/data/xver.conf

/awips/adapt/adapt_apps/data/ver_editor_help.html

Propose to place the updated files on the NOAA1 server, notify all WFOs of the availability of the update through the SST notification mechanism, and provide WFOs with the instructions to ftp and install the updates

COTS/Freeware:

No change

Rebuilding Instructions:

No executables affected..

Documentation changes:

Eventually change User Guide to be consistent with online Help

INSTALLATION INSTRUCTIONS TO MODIFY AWIPS VERIFICATION EDITOR FOR 5% PoP:

1) Logged in as user "fxa", "cd" to the directory:

/awips/adapt/adapt_apps/data

2) Rename the configuration file "xver.conf" and the Help file "ver_editor_help.html" to "xver.conf.orig" and "ver_editor_help.html.orig", respectively. These will be your backup files to be restored if something goes awry in the following steps.

3) Repeat (1) and (2) on the ds1, and on every workstation where Verification Editor is used.

4) While logged into your local ds1, still in the working directory:

/awips/adapt/adapt_apps/data

start an ftp session into the NOAA1 server, cd to the server directory /awips/ftp/pub, and "get" the replacement files "xver.conf" and "ver_editor_help.html" from the server. Exit the ftp session.

5) On your ds1, make sure that the files "xver.conf" and "ver_editor_help.html" are owned by user "fxa", and that all users have (at least) read permission on the files.

6) Start a local ftp session into each of the local workstations where verification will be run, cd to the remote directory:

/awips/adapt/adapt_apps/data

and "put" the replacement files "xver.conf" and "ver_editor_help.html" from the ds1 onto the workstations. After the ftp, rlogin to the workstation and repeat the checks in step 5 on the workstation copies of the files.

7) Once finished, start the AWIPS Verification Editor, highlight one of the local PoP forecast selections, and with the arrow buttons, scroll through the list of PoP values and make sure that the value 5 now appears in the list. Then, start the online Help from the editor, verify that the Help file loads properly, and in the Help Browser, click on "Units and Representation ...", and then on "Public PoP...", (may have to manually scroll down to this section) and make sure that the value 5 is described in the Local PoP list.